



0590
09/3

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/071,476A
Source: OPE
Date Processed by STIC: 9-10-02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Does Not Comply
Corrected Diskette Needed



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/071,476A

DATE: 09/10/2002

TIME: 14:46:42

Input Set : A:\10933017999.txt

Output Set: N:\CRF4\09102002\J071476A.raw

3 <110> APPLICANT: Chae, Young-Jin
 5 <120> TITLE OF INVENTION: Peptide Vector
 7 <130> FILE REFERENCE: 10933-017-999
 9 <140> CURRENT APPLICATION NUMBER: 10/071,476A
 C--> 10 <141> CURRENT FILING DATE: 2002-09-04
 12 <150> PRIOR APPLICATION NUMBER: KR 2001-6587
 13 <151> PRIOR FILING DATE: 2001-02-10
 15 <160> NUMBER OF SEQ ID NOS: 5
 17 <170> SOFTWARE: PatentIn version 3.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 16
 21 <212> TYPE: PRT
 C--> 22 <213> ORGANISM: Artificial
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: Leader
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: N-terminal Gly is acetylated
 30 <220> FEATURE:
 31 <221> NAME/KEY: SITE
 32 <222> LOCATION: 2, 4
 33 <223> OTHER INFORMATION: Xaa = Leu or Ile
 35 <220> FEATURE:
 36 <221> NAME/KEY: SITE
 37 <222> LOCATION: 10, 11
 38 <223> OTHER INFORMATION: Xaa = Arg or Lys
 41 <220> FEATURE:
 42 <221> NAME/KEY: SITE
 43 <222> LOCATION: 2, 4
 44 <223> OTHER INFORMATION: Xaa = Gly, Leu, Ile, Arg, Gln, Asn, Ser
 46 <400> SEQUENCE: 1
 W--> 48 Gly Xaa Gly Xaa Ser Tyr Gly Arg Lys Xaa Xaa Arg Xaa Arg Arg Cys
 49 1 5 10 15
 52 <210> SEQ ID NO: 2
 53 <211> LENGTH: 17
 54 <212> TYPE: DNA
 C--> 55 <213> ORGANISM: Artificial
 57 <220> FEATURE:
 58 <223> OTHER INFORMATION: Description of Artificial Sequence: Linker
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: Linker DNA: 5' end of C forms ester bond with Cys
 63 <400> SEQUENCE: 2
 64 ctaatacgac tcactat
 67 <210> SEQ ID NO: 3

Source of genetic information must be explained in <223>

ALL Xaa's must be included in feature <220> - <223>

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/071,476A

DATE: 09/10/2002

TIME: 14:46:42

Input Set : A:\10933017999.txt

Output Set: N:\CRF4\09102002\J071476A.raw

68 <211> LENGTH: 16

69 <212> TYPE: DNA

C--> 70 <213> ORGANISM: Artificial

72 <220> FEATURE:

73 <223> OTHER INFORMATION: Description of Artificial Sequence: Linker

75 <400> SEQUENCE: 3

76 tagtgagtcg tattag

79 <210> SEQ ID NO: 4

16

80 <211> LENGTH: 20

81 <212> TYPE: DNA

C--> 82 <213> ORGANISM: Artificial

84 <220> FEATURE:

85 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer

87 <400> SEQUENCE: 4

88 tgaaggatgat gcaacatacg

91 <210> SEQ ID NO: 5

20

92 <211> LENGTH: 20

93 <212> TYPE: DNA

C--> 94 <213> ORGANISM: Artificial

96 <220> FEATURE:

97 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer

99 <400> SEQUENCE: 5

100 gtctttagt tcccgatc

20

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/071,476A

DATE: 09/10/2002
TIME: 14:46:43

Input Set : A:\10933017999.txt
Output Set: N:\CRF4\09102002\J071476A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,4,10,11,13

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5

VERIFICATION SUMMARY

DATE: 09/10/2002

PATENT APPLICATION: US/10/071,476A

TIME: 14:46:43

Input Set : A:\10933017999.txt

Output Set: N:\CRF4\09102002\J071476A.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:22 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1

L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

L:55 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2

L:70 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3

L:82 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4

L:94 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5